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Docket No. S-100,593
In Response to Office Action dated 1/21/2005

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AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

WHAT IS CLAIMED IS:

1. (canceled)
2. (currently amended) ~~The apparatus of claim 1 where said means for holding a sample media comprises~~ An apparatus for collecting a sample, comprising:
 - (a) an apparatus frame sized to be held in at least one hand,
 - 5 (b) a sample media adapter that mechanically holds said sample media, and
 - (c) a trigger mechanism connected to said media adapter and adjacent said frame to operate said sample media adapter,
 - (d) means for identifying spatial coordinates of said sample, and
 - 10 (e) means for electronically capturing, processing, and integrating sampling-related data with said spatial coordinates.
3. (currently amended) The apparatus of claim 4 2 where said means for holding a sample media comprises a suction cup connected to a vacuum pump.
4. (currently amended) The apparatus of claim 4 2 where said means for identifying spatial coordinates of said sample comprises a GPS unit.
5. (currently amended) The apparatus of claim 4 2 where said means for identifying spatial coordinates of said sample comprises a position tracking system.
6. (currently amended) The apparatus of claim 4 2 where said means for capturing, processing, and integrating said sampling related data comprises a personal digital assistant (PDA).
7. (currently amended) The apparatus of claim 4 2 where said means for capturing, processing, and integrating said sampling related data comprises

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a wearable computer.

8. (previously presented) An apparatus for taking a sample, comprising:
- (a) an apparatus frame designed to be held in at least one hand,
 - (b) a sample media adapter connected to said apparatus frame and configured to hold a sample media with a securing means,
 - 5 (c) a trigger mechanism connected to said sample media adapter and adjacent said frame to operate said securing means,
 - (d) a means for identifying spatial coordinates of said sample, and
 - (e) a computer configured to display, receive, process, and store sampled data.
9. (canceled)
10. (previously presented) The apparatus of claim 8, where said computer comprises a personal digital assistant (PDA).
11. (previously presented) The apparatus of claim 8, where said computer comprises a wearable computer.
12. (original) The apparatus of claim 8, further comprising a camera.
13. (original) The apparatus of claim 12 where said camera comprises a video camera for capturing video images.
14. (previously presented) The apparatus of claim 8, further comprising a microphone connected to said computer.
15. (canceled)
16. (previously presented) The apparatus of claim 8 where said means for identifying spatial coordinates comprises a GPS receiver.
17. (previously presented) The apparatus of claim 8 where said means for identifying spatial coordinates comprises a position tracking system.
18. (previously presented) The apparatus of claim 8 where said computer display is attached to a headset.
19. (original) The apparatus of claim 14 where said microphone is attached to a headset.
20. (original) A method for taking a sample with a handheld sample collector,

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comprising:

- (a) determining a location of said sample,
- (b) allocating an individual ID for said sample,
- 5 (c) loading a sample media into a sample media adapter,
- (d) determining spatial coordinates of said sample location,
- (e) using said handheld sample collector to collect said sample with said sample media, and
- (f) merging said individual ID with said spatial coordinates within a
- 10 computer program creating a comprehensive data set.

- 21. (original) The method of claim 20 further comprising scanning images of said individual ID, said sample location, and said sample with a video camera and merging said images with said comprehensive data set within said computer program.
- 22. (original) The method of claim 20 further comprising downloading said comprehensive data set into data processing systems.
- 23. (original) The method of claim 20 where said spatial coordinates are directly determined from a GPS signal.
- 24. (original) The method of claim 20 where said spatial coordinates are determined relative to a fixed reference.